SURVEY MAKER

A GUI that allows user to create a list of survey questions and ways to answer each question. User needs to input the title of the survey, question, and the type of question. There are three types of question available

1. Check box : 2-4 options specified by user (multiple pick possible)
2. Text box : simple text field to fill
3. Radio button : 2-4 options specified by user (choose one)

Each question is temporarily saved into a table in the GUI when the Next button is pressed. Survey questions, types, and choices can then be saved from the GUI table into a database table named after the title of the survey in the title text field. It also prepares a report table for saving survey results. As a multiple choices question has multiple options, it must have at least two options before it can be saved. For survey to be properly made, it cannot be saved into database until it has at least 3 questions.

DATA DICTIONARY

Survey Database

New table made every time a survey is made. Must have at least 3 rows.

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Nullable | Description |
| Question | Varchar | No | Stores each question of the survey |
| Type | Integer | No | Type of question   1. Check box 2. Text field 3. Radio Button |
| Choice 1 | Varchar | Yes | Stores the first choice for type 1 or 3. (Mandatory) |
| Choice 2 | Varchar | Yes | Stores the second choice for type 1 or 3. (Mandatory) |
| Choice 3 | Varchar | Yes | Stores the third choice for type 1 or 3. (Optional) |
| Choice 4 | Varchar | Yes | Stores the fourth choice for type 1 or 3. (Optional) |

Report Database

Dynamically made table depending on the amount of questions the survey has.

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Description |
| Person | Integer | Number arrangement of survey respondent |
| <Question Name> | Varchar | Stores the answer of each respondent |

User Database

Keeps track of users registered.

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Description |
| Username | Varchar | Username of the account |
| Password | Varchar | Password of the account |